

What Is Claimed Is:

1. A coupling for transmitting ultrasound energy along an independent axis
(A) between a tool receptacle (2) and a tool (3) with two oppositely directed contact means
(4a, 4a, 4b) facing one another capable of being prestressed axially by a prestressing means
5 (5), wherein at least one of said contact means (4a, 4b) has at least one of an axially directed
linear contact tip and a pointform contact tip (6).

2. A coupling, as set forth in claim 1, wherein a plurality of contact tips (6)
are spaced apart forming said contact means (4a, 4b).

3. A coupling, as set forth in claim 1, wherein said contact means (4a, 4b)
10 comprises pointform contact tips on each of said tool receptacle (2) and tool (3) directed into
point contact with one another.

4. A coupling, as set forth in claim 1, wherein said contact tips (6) extend
linearly.

5. A coupling, as set forth in claim 4, wherein said said linearly extending
15 contact tips (6) extending at least in part annularly.

6. A coupling, as set forth in claim 5, wherein said contact tips (6) are ring
shaped.

7. A coupling, as set forth in claim 1, wherein said prestressing means

comprises an axially directed screw-thread biasing member.

8. A coupling, as set forth in claim 7, wherein said screw thread biasing member extends axially from said tool receptacle (2) into a threaded bore extending axially into said tool (3).